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Safety Data Sheet acc. to OSHA HCS

1 Identification

1.1 Product identifier

Trade name: **BUMPER PAINT**

· Article number: 340

· Application of the substance / the mixture Coating compound/ Surface coating/ paint Surface protection

1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

H.B. BODY S.A

B' ENTRANCE BLOCK 50 DA9 & MB6 Str THESSALONIKI INDUSTRIAL AREA 57.022, SINDOS

THESSALONIKI, GREECE Ph: +30 2310 790 000 Fax: +30 2310 790 033 email: hbbody@hbbody.com

· Information department:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str THESSALONIKI INDUSTRIAL AREA 57.022, SINDOS

THESSALONIKI, GREECE Ph: +30 2310 790 000 Fax: +30 2310 790 033 www.hbbodv.com

email: hbbody@hbbody.com

1.4 Emergency telephone number: CHEMTRECK: 800-494-9300

2 Hazard(s) identification

2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008



GHS02 Flame

Flammable Liquids 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Carcinogenicity 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.



Skin Irritation 2 H315 Causes skin irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

(Contd. on page 2)

(Contd. of page 1)

· Hazard pictograms







GHS07 GHS08 GHS02

- · Signal word Danger
- · Hazard-determining components of labeling:

Carbon black ethylbenzene

· Hazard statements

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H351 Suspected of causing cancer. Route of exposure: Inhalation.

· Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

Ground/bond container and receiving equipment. P240

Use explosion-proof electrical/ventilating/lighting/equipment. P241

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection. P280

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse. P332+P313 If skin irritation occurs: Get medical advice/attention.

P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations. P501

- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 1 Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 1 Fire = 3

2.3 Other hazards

- · Results of PBT and vPvB assessment
- · PBT: Not applicable. · vPvB: Not applicable.

(Contd. of page 2)

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

CAS: 1330-20-7 xylene 30-<35%

Index number: 601-022-00-9 Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin

RTECS: ZE 2100000 Irritation 2, H315

CAS: 123-86-4 n-butyl acetate 15-<20%

Index number: 607-025-00-1
Specific Target Organ Toxicity - Single Exposure 3, H336

RTECS: AF 7350000

CAS: 471-34-1 calcium carbonate 10-<15%

EINECS: 207-439-9 RTECS: EV 9580000

CAS: 108-65-6 2-methoxy-1-methylethyl acetate 5-<10%

EINECS: 203-603-9 Flammable Liquids 3, H226

Index number: 607-195-00-7

CAS: 1333-86-4 Carbon black 1-<5%

RTECS: FF 5150100

CAS: 100-41-4 ethylbenzene ≥0.1-<0.9%

Index number: 601-023-00-4 🗞 Carcinogenicity 2, H351; Specific Target Organ Toxicity - Repeated Exposure

RTECS: DA 0700000 2, H373; Aspiration Hazard 1, H304

Acute Toxicity - Inhalation 4, H332

4 First-aid measures

4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

5.1 Extinguishing media

· Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

- · Protective equipment: No special measures required.
- Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

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(Contd. of page 3)

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· Protective Action Criteria for Chemicals

· PAC-1:

1330-20-7 xylene: 130 ppm

123-86-4 n-butyl acetate: 5 ppm

471-34-1 calcium carbonate: 45 mg/m³

108-65-6 2-methoxy-1-methylethyl acetate: 50 ppm

1333-86-4 Carbon black: 9 mg/m³

100-41-4 ethylbenzene: 33 ppm

108-90-7 chlorobenzene: 10 ppm

112945-52-5 Silica dioxide: 18 mg/m³

1330-20-7 xylene: 130 ppm

78-83-1 butanol: 150 ppm

· PAC-2:

1330-20-7 xylene: 920* ppm

123-86-4 n-butyl acetate: 200 ppm

471-34-1 calcium carbonate: 210 mg/m³

108-65-6 2-methoxy-1-methylethyl acetate: 1,000 ppm

1333-86-4 Carbon black: 99 mg/m³

100-41-4 ethylbenzene: 1100* ppm

108-90-7 chlorobenzene: 150 ppm

112945-52-5 Silica dioxide: 100 mg/m³

1330-20-7 xylene: 920* ppm

78-83-1 butanol: 1,300 ppm

· PAC-3:

1330-20-7 xylene: 2500* ppm

123-86-4 n-butyl acetate: 3000* ppm

471-34-1 calcium carbonate: 1,300 mg/m³

108-65-6 2-methoxy-1-methylethyl acetate: 5000* ppm

1333-86-4 Carbon black: 590 mg/m³

100-41-4 ethylbenzene: 1800* ppm

108-90-7 chlorobenzene: 400 ppm

112945-52-5 Silica dioxide: 630 mg/m³

1330-20-7 xylene: 2500* ppm

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78-83-1 butanol: 8000* ppm

7 Handling and storage

- 7.1 Precautions for safe handling Open and handle receptacle with care.
- Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities

- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

1330-20-7 xylene

PEL Long-term value: 435 mg/m³, 100 ppm
REL Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm

BEI, A4

123-86-4 n-butyl acetate

PEL Long-term value: 710 mg/m³, 150 ppm REL Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm

TLV Short-term value: 150 ppm Long-term value: 50 ppm

471-34-1 calcium carbonate

PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction
REL Long-term value: 10* 5** mg/m³

REL Long-term value: 10^ 5^^ mg/m³ *total dust **respirable fraction

TLV TLV withdrawn

108-65-6 2-methoxy-1-methylethyl acetate

WEEL Long-term value: 50 ppm

1333-86-4 Carbon black

PEL Long-term value: 3.5 mg/m³
REL Long-term value: 3.5* mg/m³

*0.1 in presence of PAHs; See Pocket Guide Apps.A+C

TLV Long-term value: 3* mg/m³ *inhalable fraction, A3

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100-41-4 ethylbenzene

PEL Long-term value: 435 mg/m³, 100 ppm
REL Short-term value: 545 mg/m³, 125 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm

OTO, BEI, A3

· Regulatory information

PEL: Guide to Occupational Exposure Values (OSHA PELs) REL: Guide to Occupational Exposure Values (NIOSH RELs)

TLV: Guide to Occupational Exposure Values (TLV)

WEEL: Guide to Occupational Exposure Values (AIHA WEELs)

Ingredients with biological limit values:

1330-20-7 xylene

BEI 1.5 g/g creatinine Medium: urine Time: end of shift

Parameter: Methylhippuric acids

100-41-4 ethylbenzene

BEI 0.15 g/g creatinine Medium: urine

Time: end of shift at end of workweek

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

· Additional information: The lists that were valid during the creation were used as basis.

8.2 Exposure controls

- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

- · Breathing equipment: Not required.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- · For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)
- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: Rubber gloves

(Contd. on page 7)

(Contd. of page 6)

· Eye protection:



· Body protection: Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid

Color: According to product specification

Odor: Characteristic
Odor threshold: Not determined.

· pH-value: Mixture is non-soluble (in water).

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 124-128 °C (255.2-262.4 °F)

Flash point: < 23 °C (< 73.4 °F)
Flammability (solid, gaseous): Highly flammable.

· Auto igniting: 315 °C (599 °F) · Decomposition temperature: Not determined.

· Ignition temperature: Product is not selfigniting.

Danger of explosion: Risk of explosion by shock, friction, fire or other sources of ignition.

· Explosion limits:

Lower: 1.1 Vol % Upper: 7.5 Vol %

Upper: 7.5 Vol %

Vapor pressure at 20 °C (68 °F): 10.7 hPa (8 mm Hg)

Density at 20 °C (68 °F): 0.97 g/cm³ (8.09465 lbs/gal)

Relative density

Vapor density

Not determined.

Not determined.

Not determined.

Not determined.

· Solubility in / Miscibility with

Water: Fully miscible.

Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic: Not determined. Kinematic: Not determined.

Solvent content:

Organic solvents: 60.3 %

VOC content: 60.26-60.28 %

584.7 g/l / 4.88 lb/gal

Solids content: 39.2 %

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9.2 Other information

No further relevant information available.

10 Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- * 10.6 Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

11.1 Information on toxicological effects

- · Acute toxicity: Based on available data, the classification criteria are not met.
- LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Dermal LD50 6,079 mg/kg (rabbit)

Inhalative LC50/4 h 33.4 mg/l

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)
Dermal LD50 2,000 mg/kg (rabbit)
Inhalative LC50/4 h 11 mg/l (ATE)

123-86-4 n-butyl acetate

Oral LD50 13,100 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rabbit)

Inhalative LC50/4 h >21 mg/l (rat)

471-34-1 calcium carbonate

Oral LD50 6,450 mg/kg (rat)

108-65-6 2-methoxy-1-methylethyl acetate

Oral LD50 8,532 mg/kg (rat) Inhalative LC50/4 h 35.7 mg/l (rat)

1333-86-4 Carbon black

Oral LD50 10,000 mg/kg (rat)

100-41-4 ethylbenzene

Oral LD50 3,500 mg/kg (rat)
Dermal LD50 17,800 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

· Primary irritant effect:

on the skin:

Causes skin irritation.

- on the eye: Based on available data, the classification criteria are not met.
- · Sensitization: Based on available data, the classification criteria are not met.

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- · Additional toxicological information:
- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

1330-20-7 xylene: 3 9003-55-8 resin: 3

1333-86-4 Carbon black: 2B 100-41-4 ethylbenzene: 2B

1330-20-7 xylene: 3

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity
- Suspected of causing cancer. Route of exposure: Inhalation.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- · Specific target organ toxicity single exposure Based on available data, the classification criteria are not met.
- · Specific target organ toxicity repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.

12 Ecological information

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

- PBT: This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).
- · vPvB: This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).
- 12.6 Other adverse effects No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods

· Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

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Safety Data Sheet acc. to OSHA HCS

Trade name: BUMPER PAINT

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14 Transport information

14.1 UN-Number

DOT, ADR, IMDG, IATA UN1263

14.2 UN proper shipping name

· DOT Paint

·ADR UN1263 PAINT, special provision 640D

· IMDG, IATA **PAINT**

14.3 Transport hazard class(es)

· DOT



· Class 3 Flammable liquids

· Label

·ADR



· Class 3 (F1) Flammable liquids

·Label

· IMDG, IATA



· ADR

· Class 3 Flammable liquids

· Label 3

14.4 Packing group

DOT, ADR, IMDG, IATA Ш

14.5 Environmental hazards:

· Marine pollutant:

14.6 Special precautions for user Warning: Flammable liquids

· Hazard identification number (Kemler code): 33

· EMS Number:

· Segregation groups (SGG10) Liquid halogenated hydrocarbons

Stowage Category

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

· Transport/Additional information:

 Excepted quantities (EQ) Code: E2

> Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

> > (Contd. on page 11)

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·IMDG

Limited quantities (LQ)

Excepted quantities (EQ)

5L Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

UN 1263 PAINT, 3, II

15 Regulatory information

· UN "Model Regulation":

•3YE

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None of the ingredients is listed.

· Sara

Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

1330-20-7 xylene

100-41-4 ethylbenzene

108-90-7 chlorobenzene

1330-20-7 xylene

TSCA (Toxic Substances Control Act):

1330-20-7 xylene: ACTIVE

9003-55-8 resin: ACTIVE

123-86-4 n-butyl acetate: ACTIVE

471-34-1 calcium carbonate: ACTIVE

108-65-6 2-methoxy-1-methylethyl acetate: ACTIVE

1333-86-4 Carbon black: ACTIVE

68609-36-9 modified chlorinated polyolefin: ACTIVE

1302-78-9 bentonite: ACTIVE

100-41-4 ethylbenzene: ACTIVE

108-90-7 chlorobenzene: ACTIVE

61789-01-3 epoxidised oil: ACTIVE

68937-54-2 Siloxanes and silicones, di-Me, 3-hydroxypropyl-Me, ethoxylated: ACTIVE

1330-20-7 xylene: ACTIVE

78-83-1 butanol: ACTIVE

· Hazardous Air Pollutants

1330-20-7 xylene

100-41-4 ethylbenzene

108-90-7 chlorobenzene

1330-20-7 xylene

· Proposition 65

· Chemicals known to cause cancer:

1333-86-4 Carbon black

100-41-4 ethylbenzene

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

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· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Cancerogenity categories

· EPA (Environmental Protection Agency)

1330-20-7 xylene: I

100-41-4 ethylbenzene: D 108-90-7 chlorobenzene: D

1330-20-7 xylene: I

TLV (Threshold Limit Value)

1330-20-7 xylene: A4

1333-86-4 Carbon black: A4 100-41-4 ethylbenzene: A3 108-90-7 chlorobenzene: A3

1330-20-7 xylene: A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

1333-86-4 Carbon black

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

· Hazard pictograms







GHS02 GHS07 GHS08

- · Signal word Danger
- · Hazard-determining components of labeling:

Carbon black ethylbenzene

· Hazard statements

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H351 Suspected of causing cancer. Route of exposure: Inhalation.

· Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse. P332+P313 If skin irritation occurs: Get medical advice/attention.

P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.

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P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

Department issuing SDS: Department of Quality Control

· Contact:

H.B BODY S.A

Ms Olympia Stamkou Ph: +30 2310 790 032

fax: +30 2310 790 032

Date of preparation / last revision 03/17/2023

* Data compared to the previous version altered.